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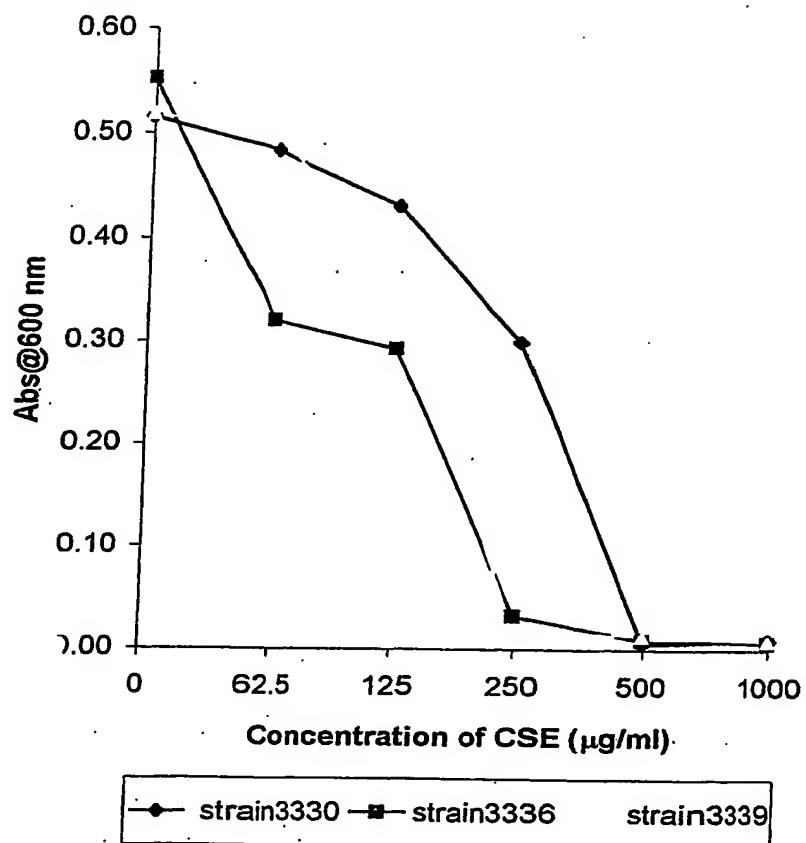


Fig.1 Effect of CSE crude extract on the growth of the strains (3330, 3336, 3339) of *H.pylori*

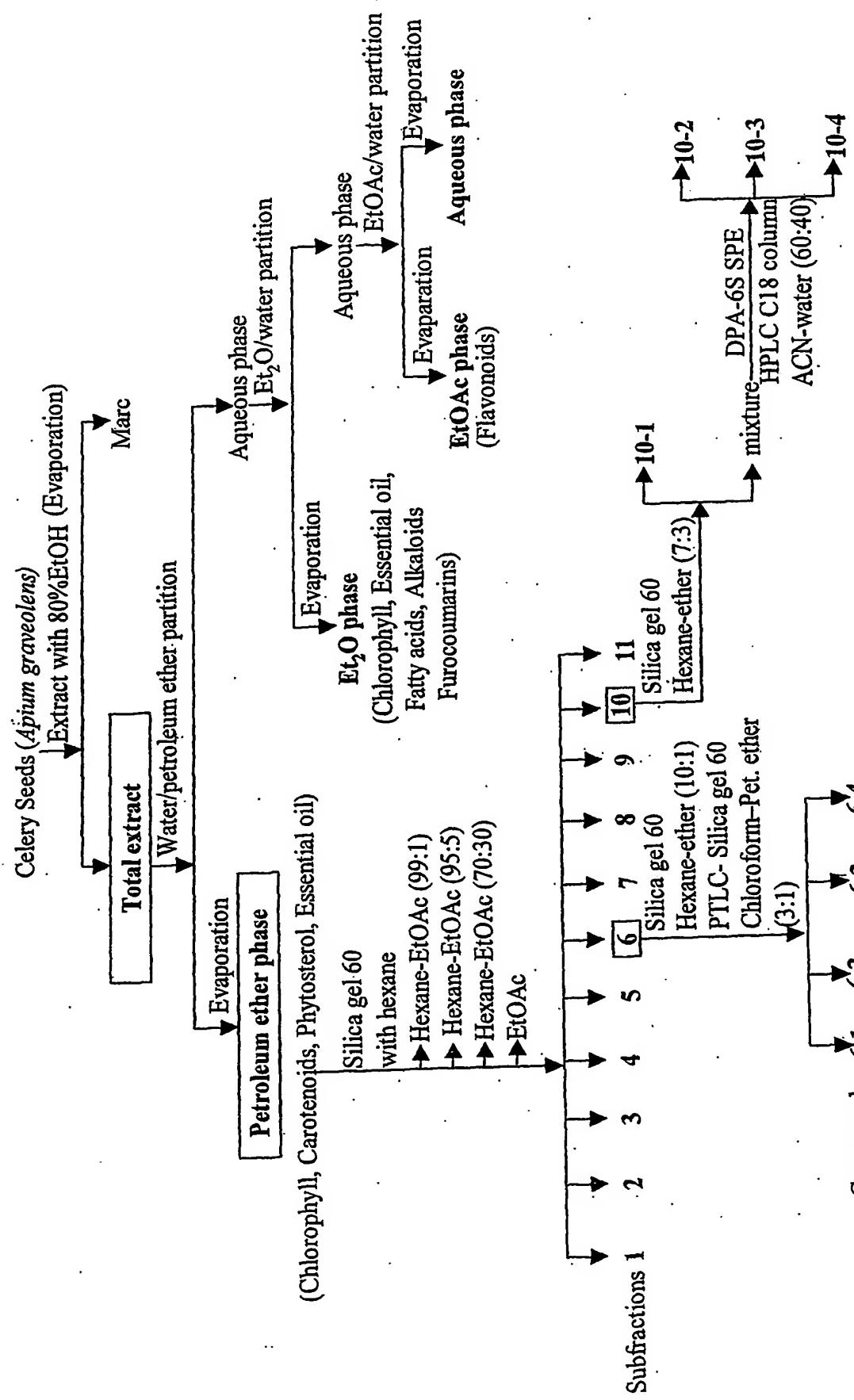


Fig.2 Bioassay-guided fractionation scheme of celery seed extract (antimicrobial agents enclosed in boxes)

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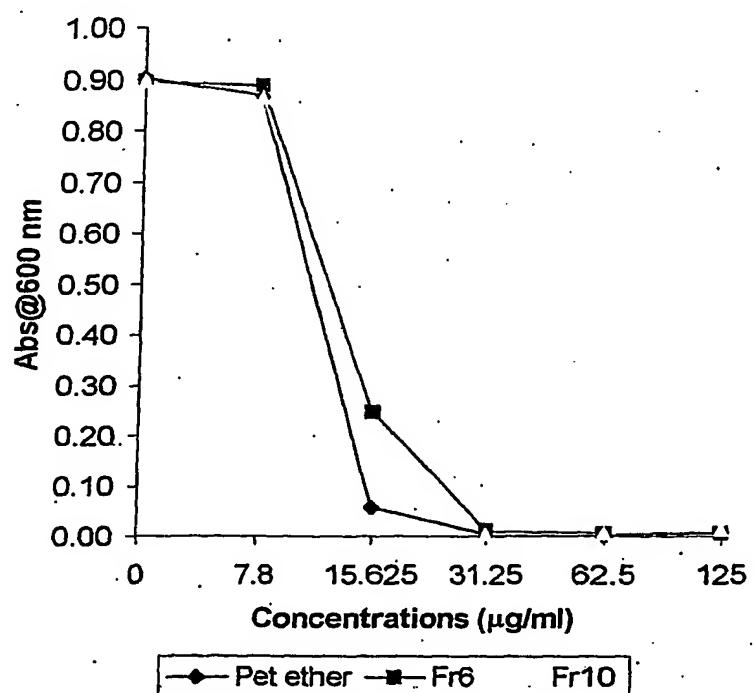


Fig.3 Antimicrobial activity of pet.ether fraction and subfractions 6 and 10 against *H. pylori* (strain 3339)

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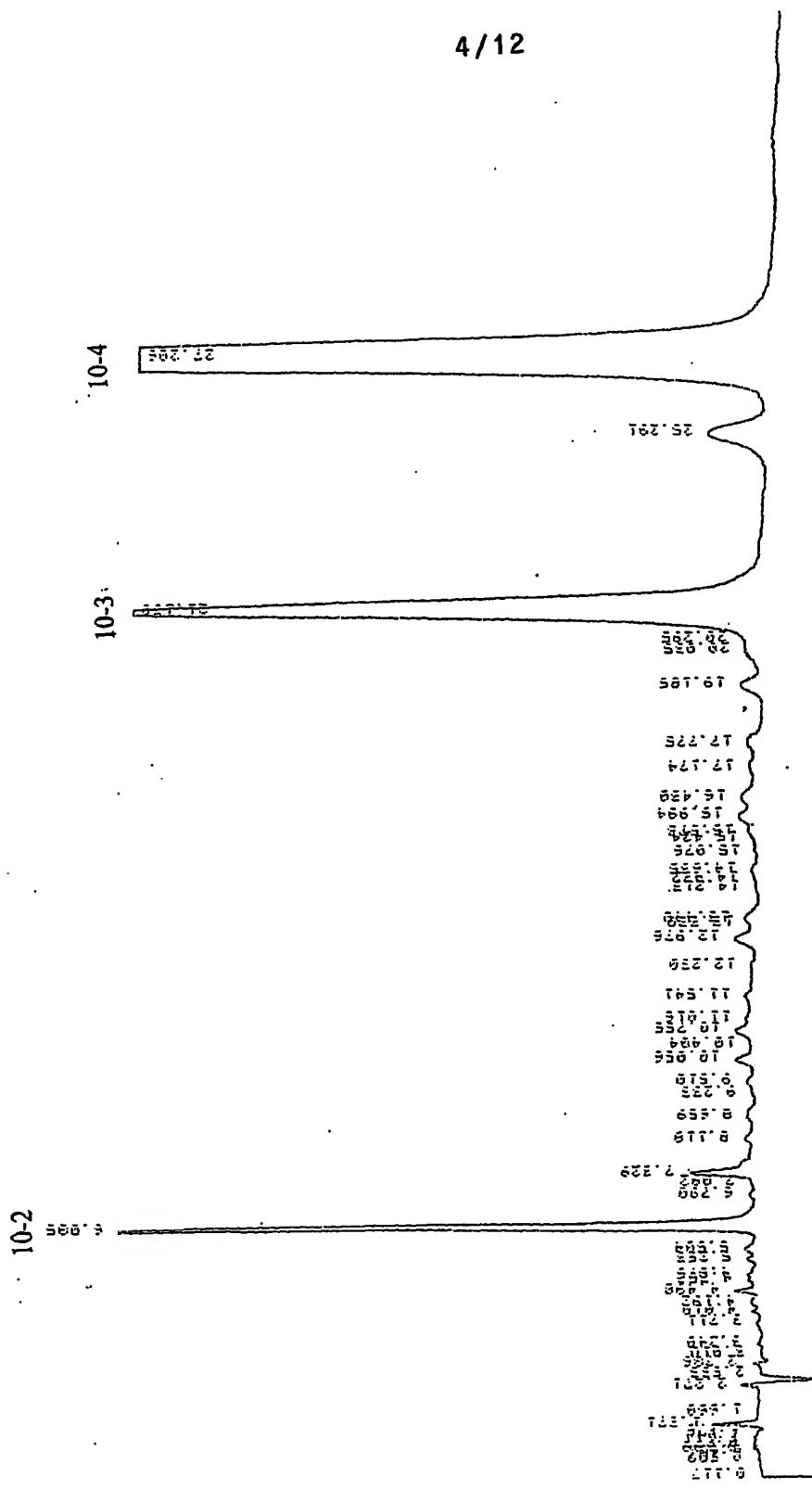


Fig.4 Analytical separation of mixture from subfraction 10. Column: Nucleosil® C18, 250 x 4.6 mm I.D.; Mobile phase: ACN/water (60:40); Flow rate: 1.0 ml/min; Detection: UV @ 236 nm; Injection volume: 10 μ l; Sample: 500 μ g in 1 ml of 40% ACN in water; Temperature: Ambient; ATT: 3.

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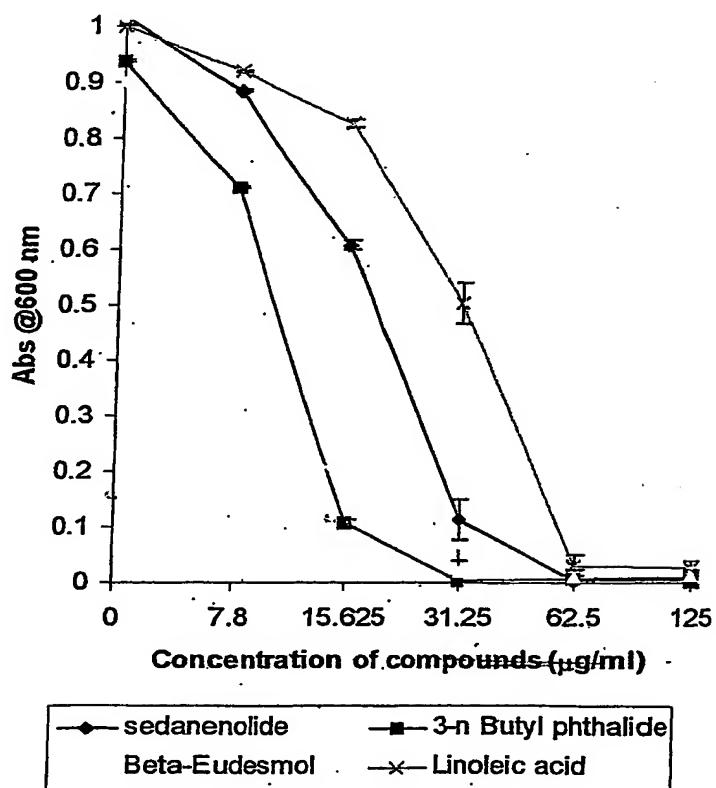
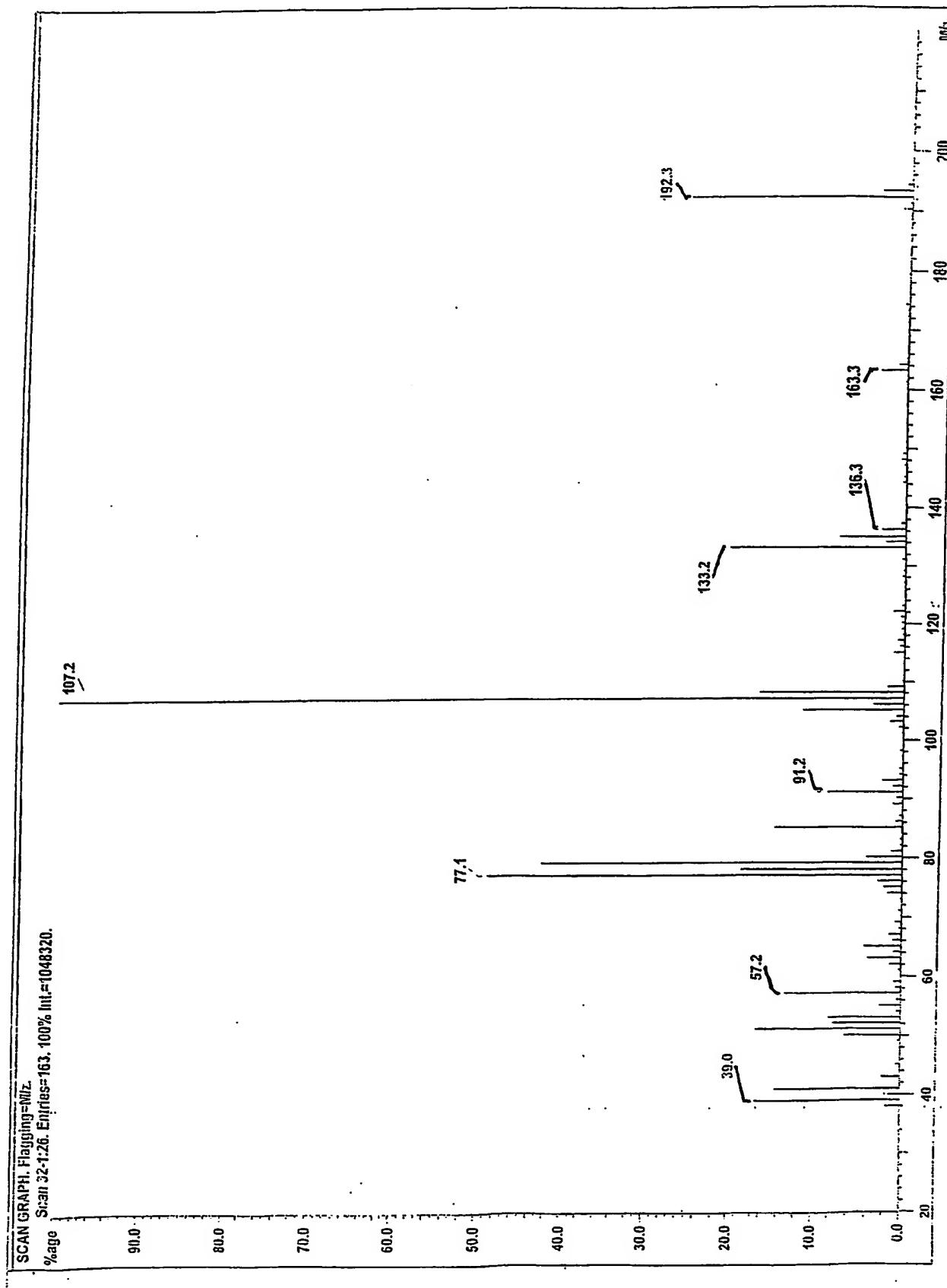


Fig.5 Antimicrobial activities of compounds against *H. pylori* (strain 3339)

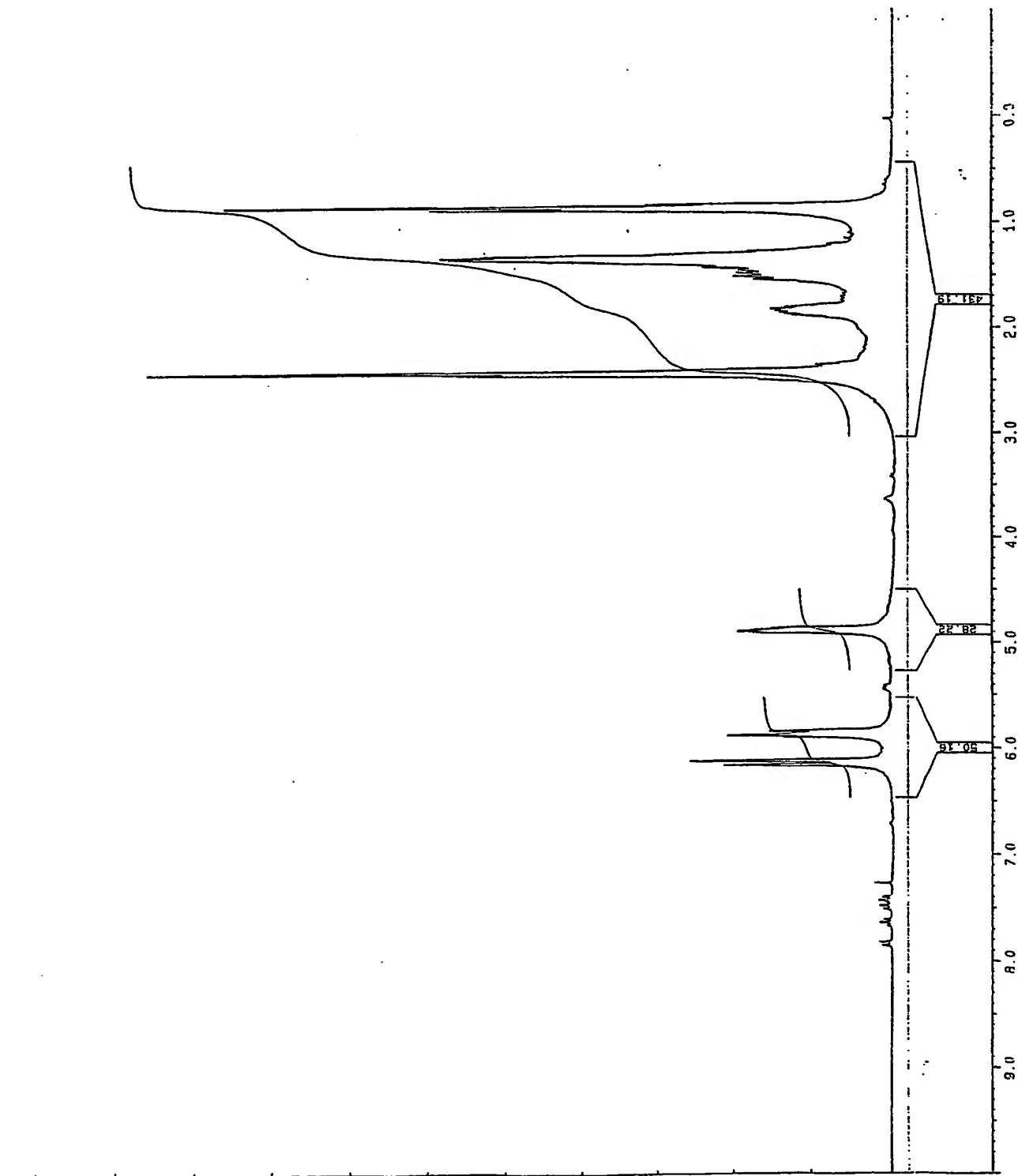
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Fig.6 EI-MS spectrum of compound 6-1

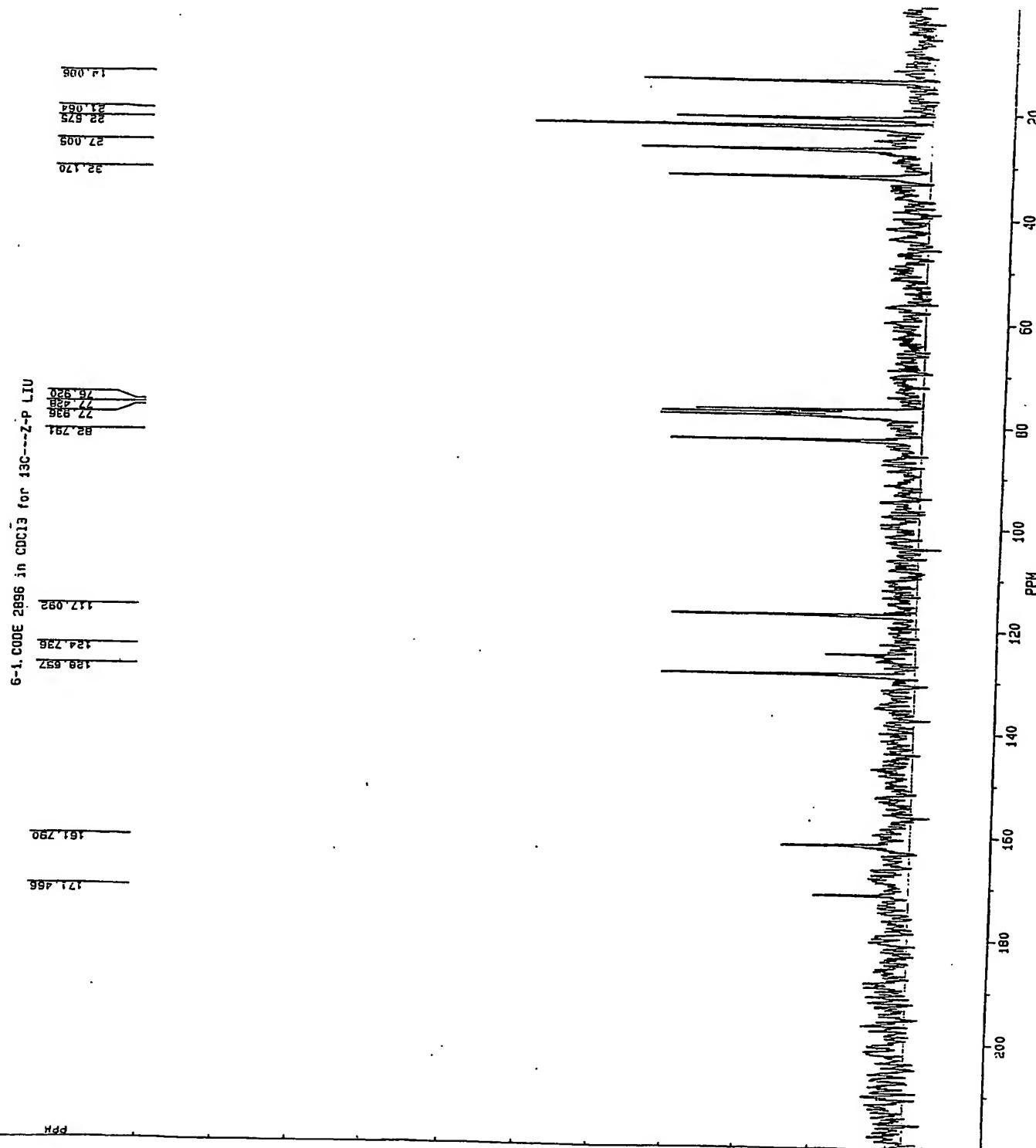


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Fig.7 ^1H NMR spectrum of compound 6-1

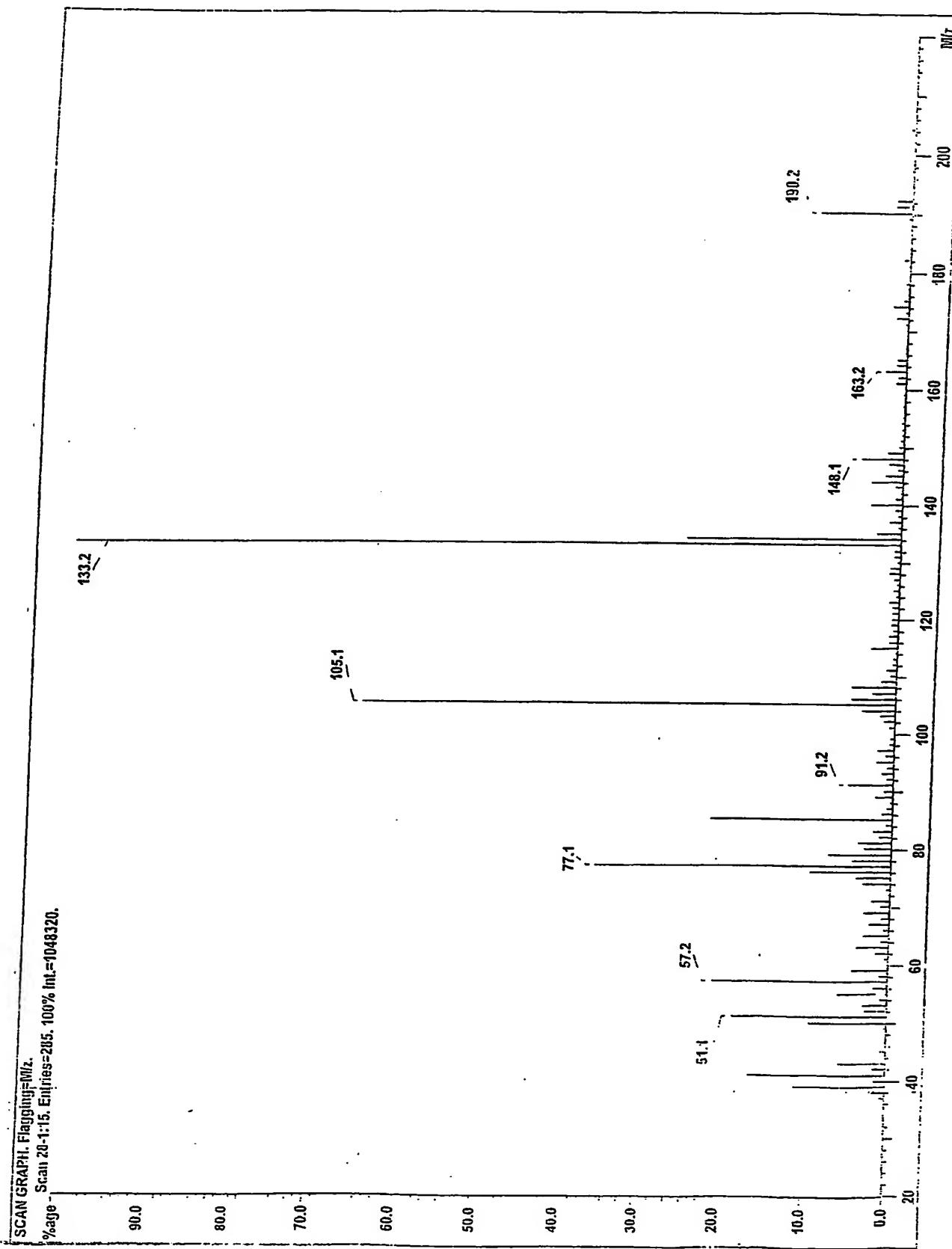


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Fig.8 ^{13}C NMR spectrum of compound 6-1

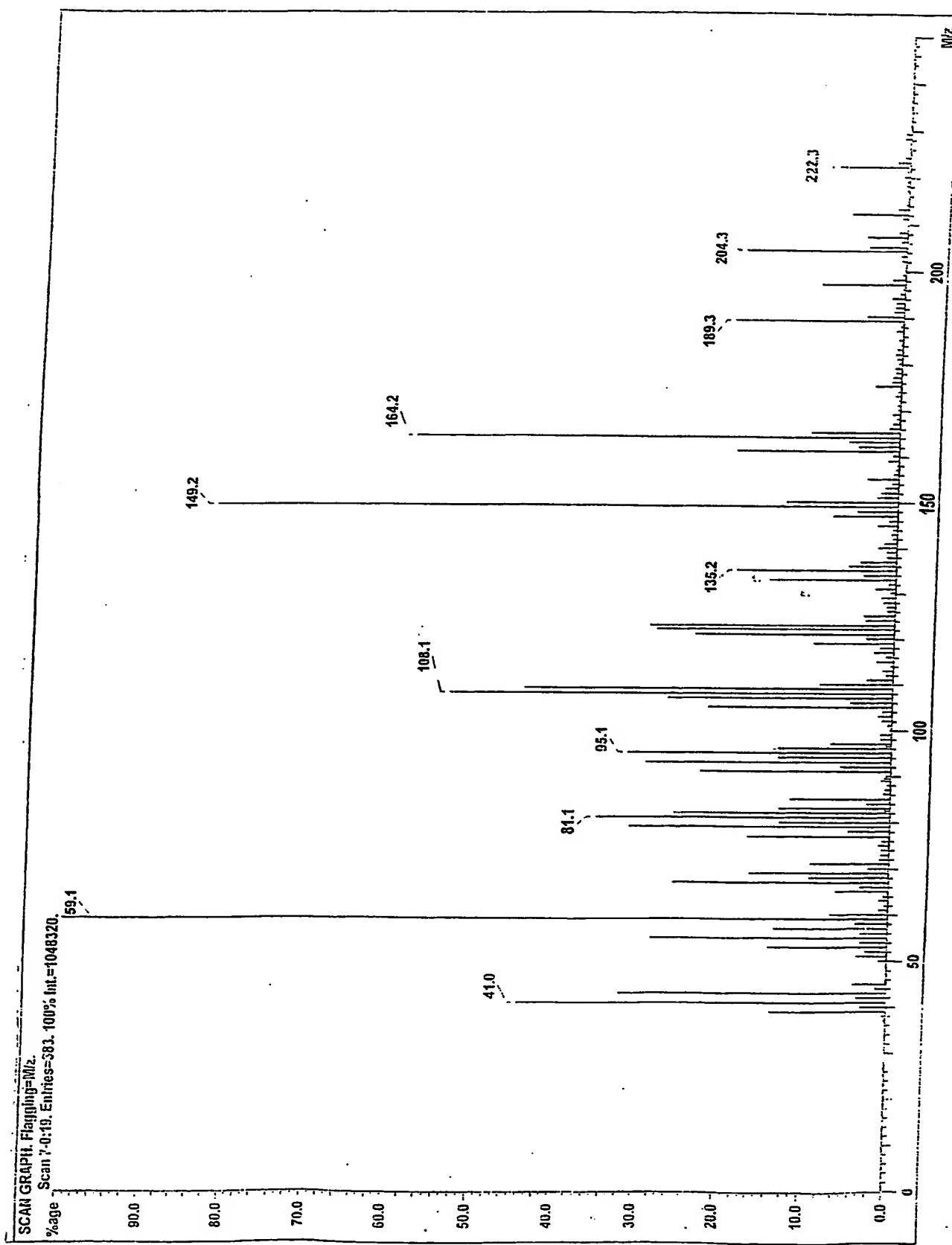
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Fig.9 EI-MS spectrum of compound 6-2



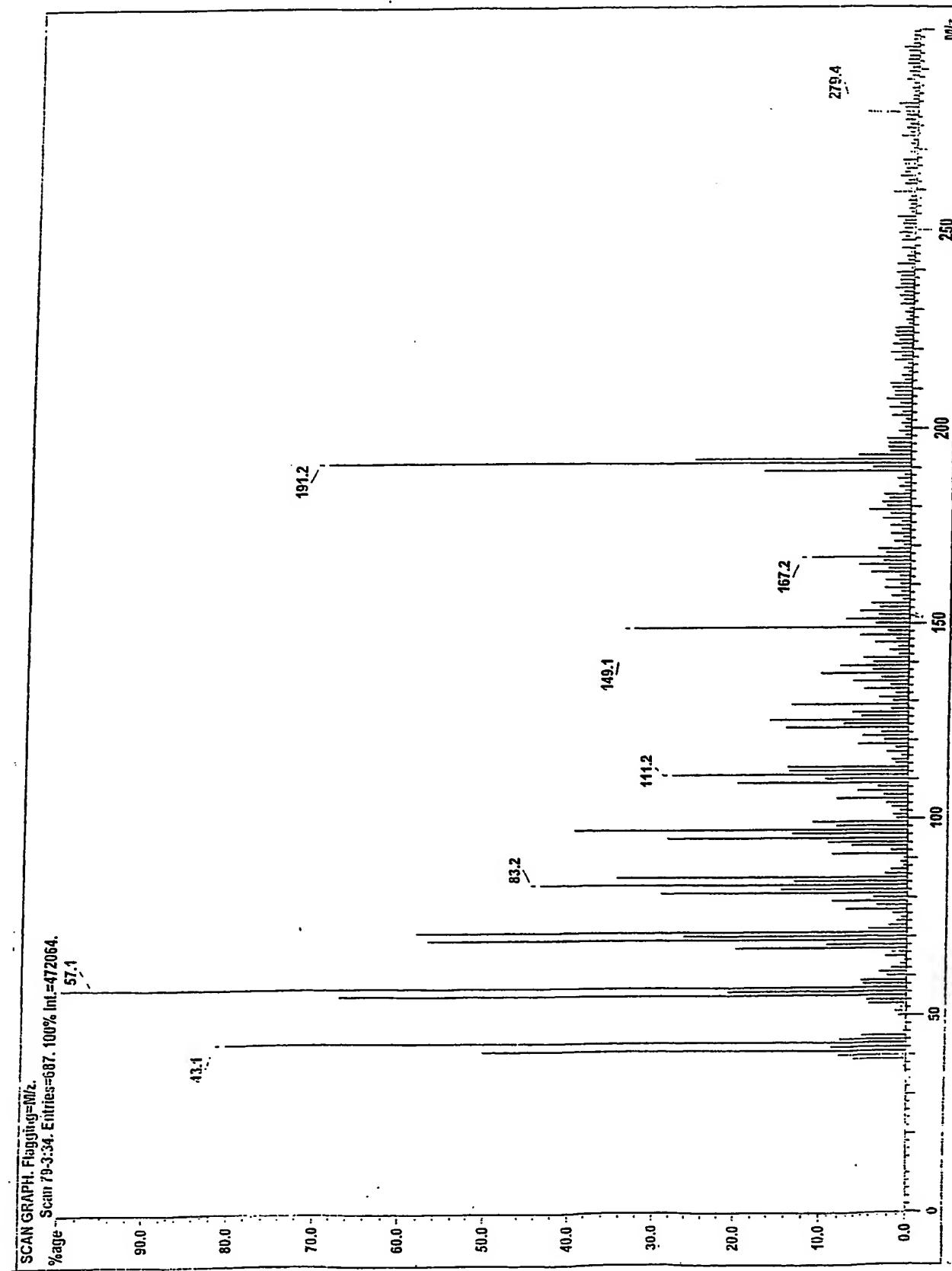
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Fig.10 EI-MS spectrum of compound 6-3



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Fig.11 EI-MS spectrum of compound 6-4



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Fig.12 EI-MS spectrum of compound 10-1

